



Pushpanjali

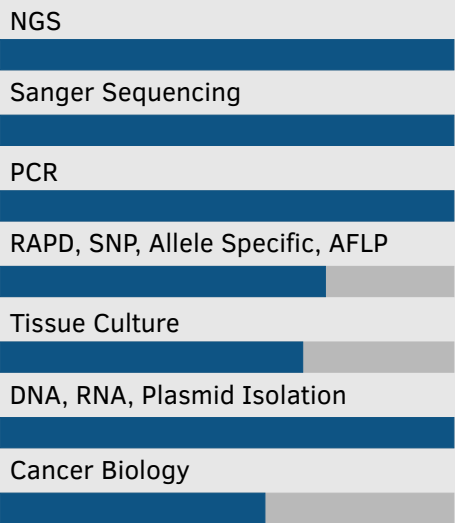
Research Associate

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About me

- Total 4 years work experience
- A versatile Biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

Skills



Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

Experience

2021-2024 *MedGenome Labs Limited* Full Time

Currently responsible for the followings:

- Wet lab processing of aneuploidy by QF-PCR and maternal cell contamination
- Data analysis of QF-PCR and MCC using gene mapper and chimer maker
- Performing NGS based wet lab process for PGT and NIPT from isolation to setting up of the sequence run
- Handling of NextSeq and MiSeq
- Handling of Hamilton for NIPT samples processing
- Data analysis of PGT data using bluefuse multi

2018-2021 *Biokart India Private Limited, Bangalore* Full Time

The responsibilities included:

- Performing entire *Sanger Sequencing* which include *QC of sample, PCR, Purification* (column/gel extraction), Loading Samples into the sequencer, *Gel Electrophoresis, Sequence Analysis*
- *DNA & RNA extraction* from various samples including human ones
- SOPs manual preparation and Data/Report submission to the clients
- Preparation of *PCR purification kit* and *DNA extraction kit*
- Query resolution & reaching out to clients for specific requirements

2017-2018 *Banaras Hindu University* Project

- Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
- Collected various *morphological readings* and examined *cellulase activity* of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.

Education

2016-2018 Masters *Banaras Hindu University*

Completed Master of Science degree in Biotechnology with overall GPA of 8.05

2013-2016 Bachelors *Patna Science Collage*

Completed Bachelors of Science degree in Biotechnology with distinction

2010-2012 Senior Secondary *DAV Public School*

Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

Other Information

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking